

ABSTRACT OF THE DISCLOSURE

The invention provides a display device having, integrated on a substrate and integrally formed therewith, an active-matrix LCD section having a plurality of scanning lines and a plurality of data lines formed in a grating form corresponding to dots, and active elements according to the respective intersections to perform display control using a liquid crystal by driving the scanning lines and the data lines. The display device further including a row decoder for selecting the scanning lines, a memory cell section having memory cells that are in the number capable of storing an image signal for display control of dots in at least one row of a display drive section and allocated corresponding to the length in the row direction of the display drive section. The display device further having a column decoder section for selecting a memory cell to be stored with an inputted image signal, a column selection switch section switching on the basis of a selection by the column decoder section 51 and the image signal and storing the image signal to the memory cell selected, and a k-bit DAC section 41 for driving a data line on the basis of the image signal stored in the memory cell section.